Executorch Basic Environments

Update and Install Basic Dependencies

```
apt-get update
apt install -y git build-essential cmake libideep-dev python3 python3-pip vim sudo
python3-venv wget unzip zsh tmux git-lfs
apt install -y unzip zip curl libc++-dev
```

Clone Executorch Repo

```
cd / && git clone https://github.com/pytorch/executorch.git
```

Checkout Specific Executorch Version and Initialize Submodules

```
cd /executorch && git submodule update --init --recursive
cd /executorch && git checkout 545535
```

Setup Python Virtual Environments

```
cd / && mkdir llama && cd llama
cd /llama && python3 -m venv llama-env
source /llama/llama-env/bin/activate && source /executorch/install_requirements.sh
```

Download and Install Android SDK Command Line Tools

```
cd /root && wget https://dl.google.com/android/repository/commandlinetools-linux-
11076708_latest.zip && unzip ./commandlinetools-linux-11076708_latest.zip
```

Install Required JDK and Android SDK Components

```
apt install -y zip openjdk-17-jdk
cd /root/cmdline-tools && ./bin/sdkmanager --list --sdk_root=/opt/android-sdk
cd /root/cmdline-tools &&  yes |./bin/sdkmanager "platform-tools"
"ndk;26.3.11579264" --sdk_root=/opt/android-sdk
cd /root/cmdline-tools && yes | ./bin/sdkmanager "platforms;android-34"  --
sdk_root=/opt/android-sdk
```

```
cd /root/cmdline-tools && yes | ./bin/sdkmanager --licenses --
sdk_root=/opt/android-sdk
```